517/2016-17.

[illegible] 351601 [illegible] 351700

[illegible]

Executive Engineer 2/12
Byatarayanapura Division
BBMP, Bangalore-92
02.12.16.

I st And Final Bill
SBR NO= 13/17-B
29/5/2017

Work code - 006-17-000038
Est cost Rs - 40.00 Lacs

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351601

Serial No. .....

Name of Work Improvements & Drains and Construction of Culverts in Hegadenagara From Western Side To I st main and Boundside Cross Road in Ward no. 06 Byatarayana-

Name of Contractor of nature of Agency .....

Date of commencement of work BR NO-115/31.5.17 Pura Sub division

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order no. · BBMP/EE/BTP/WO/43/2017-18						
	Name of Contractor · KRIDL 17th C Main Road, 3rd 4 Block Rajajinagara. Bangalore-10						
(1)	Earth Work Excavation by manual means in hard soil including an average horizontal throw upto 2 mtr and an average lift upto 0.50 mtr excavated surface inclined						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and sides neatly dressed the disposed earth to be leveled neatly breaking of clods compose as per specification else compose.						
	As per Pre-measurement recorded vide Page no. 351652 to 351653					in Big MB. 132.80 m^3	
	Rate - 86:92						11543:0
(2)	Earth work excavation by manual means in hard soil including an average horizontal throw upto 2 mtr and an average lift upto 0.50 mtr excavated surface re						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	leveled and sides n neatly as per spec	
	As per Pre-	
	Page no. 351	
	Rate. 115:56	
(3)	Removing B S slab as per Specification	

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
ave disposed earth to se			
eads compress as per Spe-			
nt recorded vide			
6.53		vide Pkg MB.	
		132.80 M³	
			11543:0
nual means in hand soil			
izontal throw upto 2 mtr			
mtr excavated surface re			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351602

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	leveled and sides neatly dressed ave disposed earth to be leveled neatly as per drawing & leads compress as per specification.						
	As per Pre-measurement recorded vide Page no. 351653 to 351655					vide Pkg MB. 255.81 M³	29561:40
(3)	Rate. 115:56 Removing B S slag & drain and stacking ~~rate~~ Compress as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As Per Pre-measurment recorded vide Page No. 351655 to 351657 in this MB.					599.28 M^2	
	Rate. 65:72						39384:68
(4)	Refixing Stone Slabs & Drain and pointing in CM 1:3 ese.. Complete as per Specification. Measuring vide Item No.	(3)				599.28 M^2	
	Rate 80:56						48277:99

M. A.
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
(5)	Providing Granite Sla dressed and sized in cm Compose 7.5 cms thick.	1 1 1 1 1 1
	Rate 665:68	

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
ent recorded vide			
51657		in this MB.	
		599.28 M²	
			39384:68
en and pointing in CM 1:3			
cation.			
n rue..		(3)	
		599.28 M²	
			48277:99

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351603

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(5)	Providing Granite Slabs & Selected Quality Roughly dressed and sized in CM 1:6 including sizing curing etc. compose 7.5 cms thick.						
		1	20.00	1.65	-	33.00	
		1	15.00	1.65	-	24.75	
		1	18.00	1.65	-	29.70	
		1	16.00	1.65	-	26.40	
		1	24.00	1.65	-	39.60	
	Rate 665:68					149.82 M²	99732:17

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	Providing and laying in Position Plain cement Concrete 1 mix M 1:4:8 with OPC cement of 150 kg cement and down size graded granite metal coarse aggregate of 0.992 cum and fine aggregate of 0.57 cum meeting mixed Concrete laid in layers not exceeding 150mm thick well compacted in foundation and plinth including cost of all necessary labours curing complete as per specification etc., complete. As per Page no. 3516 to 3516 57 Rate · 5159:02 Pre-measurement recorded vide 50.42 M³ in Dig MB. 260117:78						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

M. A.
Me

Date	Full description, etc, of work	Numbe
1	2	3
(7)	Providing and Constru Masonry in foundation cement dressed in Co as 2-0 mm apart in labours curing Comp As per Pre. Mea Page No. 3516 Rate - 4438:22	

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
ion Plain cement Concrete			
ment as 150 kg cement			
ise metal coarse aggregate			
regate as 0.57 cum mean			
rang not exceeding 1 cum			
n and punish including cost			
ing Concrete as per Specifica			
Measurement recorded vide			
57 to 351659		50.42 M³	in this MB. 260117.78

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351604

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(7)	Providing and constructing Granite/trap/basalt dressed stone masonry in foundation with cement mortar 1:6 stone hammered dressed in courses not less than 20 cm high, bed joints as 2.0 m apart in each course including cost & necessary labour curing complete as per specification. As per Pre-measurement recorded vide Page No. 351659 to 351660 Rate - 4438.22					47.52 M³ in this MB.	210904.21

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(8)	Providing and Constructing Granite trap [basalt Size Stone Masonry in basement with cement mortar 1:6 ebba & Stones chisle dressed in courses not less than 15cms high and Stones of 2.0 Mor above in each course including cost of necessary labour curing complete as per Specification. As per Pre-measurement recorded vide page no. 35/660 to 35/661 in this MB. Rate - 5305:30					39.60 m³	210090:00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(9)	Providing and ... propping etc. ... & seams beam ... (unless not exceed ... labour complete ... As per Pre-m... page no.. 35 ... Rate - 271:36

BOOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8
...ra side trap [based Size ... with cement mortar 1:6 ... Courses not less than ... ... in each course including ... complete as per Specification ... ...rement recorded vide ... 351661 in this MB.		39.60m³	210090:00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351605

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(9)	Providing and removing centering & shuttering & strutting & propping etc. and removal & form work for sides and soffits & seams beam haunchings, Cantilever girders bressemers and lintels not exceeding 1.0 m wide in depth including cost & accessories labour complete as per specification As per the measurement recorded vide Page No.: 351661 to 351663 in this MB. Page: 271:36					101.63m²	27578:31

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	Providing and laying in position plain cement Concrete 1 Mix 1:3:6 with OPC Cement as 220 kg with 20mm nominal down size graded granite metal Coarse aggregate as 0.8 cum and fine aggregate as 0.56 cum machine mixed Concrete laid in layers not exceeding 15 cms thick were Compacted in foundation and plinth including curing complete as per specification.						
	Concrete.						
	I st Main L.side ①	2	8.30	0.50	0.10	0.83	
	②	2	7.50	0.50	0.10	0.75	
	③	2	8.00	0.50	0.10	0.80	
	④	2	7.80	0.50	0.10	0.78	

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	⑤	2
	⑥	2
	⑦	2
	⑧	2
	⑨	2
	⑩	2
	⑪	2
	vent Concrete ①	1

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		on plain cement Concrete	
		as 2 bags with 20mm aggregate	
		Coarse aggregate as 0.8 cum	
		cum of mixed Concrete	
		ing which were Compacted	
		cum of all necessary lead	
		ation.	
	0.10	0.83	
	0.10	0.75	
	0.10	0.80	
	0.10	0.78	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351606

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(5)	2	7.95	0.50	0.10	0.79	
	(6)	2	8.00	0.50	0.10	0.80	
	(7)	2	7.95	0.50	0.10	0.79	
	(8)	2	8.50	0.50	0.10	0.85	
	(9)	2	7.00	0.50	0.10	0.70	
	(10)	2	10.95	0.50	0.10	1.09	
	(11)	2	6.00	0.50	0.10	0.60	
	(1)	1	8.30	0.60	0.10	0.49	

Vent Concrete

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	②	1	7.50	0.60	0.10	0.45	
	③	1	8.00	0.60	0.10	0.48	
	④	1	7.80	0.60	0.10	0.46	
	⑤	1	7.95	0.60	0.10	0.47	
	⑥	1	8.00	0.60	0.10	0.48	
	⑦	1	7.95	0.60	0.10	0.47	
	⑧	1	8.50	0.60	0.10	0.51	
	⑨	1	7.00	0.60	0.10	0.42	
	⑩	1	10.95	0.60	0.10	0.65	
	⑪	1	6.00	0.60	0.10	0.36	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	For Kerb & Bottom Bed	
	As per Pre. me	
	Page No. 35166	
	Rate . 5598 : 9	

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
60	0·10	0·45	
60	0·10	0·48	
60	0·10	0·46	
60	0·10	0·47	
60	0·10	0·48	
60	0·10	0·47	
60	0·10	0·51	
60	0·10	0·42	
60	0·10	0·65	
60	0·10	0·36	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351607

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	For kerb Bottom and Flagging Coarse Rising						
	As per Pre-measurement recorded vide Page no. 351663 to 351665 in Rig MB					29.51	
						48.53 M³	
	Rate · 5598:92						243720:98

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(11)	Providing flush pointing to coursed stone masonry with cement Mortar 1:3 20 mm deep as per drawing joints to depth & 20 mm neatly finishing including cost of materials labour Curing complete as per specification.						
	Quarters (1)	2	8.30	-	0.50	8.30	
	(2)	2	7.50	-	0.50	7.50	
	(3)	2	8.00	-	0.50	8.00	
	(4)	2	7.80	-	0.50	7.80	
	(5)	2	7.95	-	0.50	7.95	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
		(6)
		(7)
		(8)
		(9)
		(10)
		(11)

Rate - 102 : 82

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8
to			Coursed Stone Masonry	
13			20 mm deep asser raking	
mm			Nicely Lining including	
m			Curing Complete as per	
8.30	-	0.50	8.30	
7.50	-	0.50	7.50	
8.00	-	0.50	8.00	
7.80	-	0.50	7.80	
7.95	-	0.50	7.95	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351608

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(6)	2	8.00	-	0.50	8.00	
	(7)	2	7.95	-	0.50	7.95	
	(8)	2	8.50	-	0.50	8.50	
	(9)	2	7.00	-	0.50	7.00	
	(10)	2	10.95	-	0.50	10.95	
	(11)	2	6.00	-	0.50	6.00	
						87.95 M²	9043=01
	Rase. 102 : 82						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12)	Providing and laying in position Plain cement Concrete M mix M20 with OPC Cement @ 320 kgs with 20mm and down size graded granite metal Coarse aggregate of 0.87 cum and Fine aggregate of 0.459 cum with Super Plasticizer @ 3 lts conforming to IS 9103-1999 Reinforced machine mixed exceeding 15cms slump in foundation plinth and ground floor level for Rag Stone Staircase tinsels retaining walls return walls in curved attached plastering columns piers abutment Pillers posts struts footings flooring or laying concrete upto Coping bed blocks curing complete as per Specification.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	Culverts	(1)
		(2)
		(3)
		(4)
		(5)
		(6)
		(7)

OK

Depth 6	Contents 7	Reference to last Measurement 8
n Plain cement Concrete		
20 mm and		
Coarse aggregate of 0.87		
59 Cem with Super Plasti		
999 Reinforced Machine		
vated Service works		
oor Level for Roof Slab		
reserve walls in cem		
abutment Piers		
r facing Consg Pumpe		
2 as per Specification		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351609

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2		Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Curves	①	1	8.30	1.80	0.23	3.43	
		②	1	7.50	1.80	0.23	3.10	
		③	1	8.00	1.80	0.23	3.31	
		④	1	7.80	1.80	0.23	3.22	
		⑤	1	7.95	1.80	0.23	3.29	
		⑥	1	8.00	1.80	0.23	3.31	
		⑦	1	7.95	1.80	0.23	3.29	
								23.75

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(8)	1	8.50	1.80	0.23	3.51	
	(9)	1	7.00	1.80	0.23	2.89	
	(10)	1	10.95	1.80	0.23	4.53	
	(11)	1	6.00	1.80	0.23	2.48	
						36.34 M	3
							231546
							231673.57
	Rate . 6371.66						
	(12)						
	(13) Providing TMT Steel rein forcement for RCC work including straightening cutting bending hooking placing in position tapping and ordering whenever required						

29.20 kg

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	tying with binding members wherever hooks are crossed & material cost on
	As per page no
	Rate 5941.0

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1.80	0.23	3.51	
1.80	0.23	2.89	
1.80	0.23	4.53	
1.80	0.23	2.48	
		36.34 M 3	231546
			231673.57
			29.28 Rs
nement Service work			
ing Sending how ing Placing			
eding whenever required			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351610

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (cutting hooks and waste shall not be measured and paid) cost & material cost complete as per specification. As per Pre-measurement recorded vide page No. 351666 to 351668 in this MB.					3.46 Ton	
	Rate 5941.00						20556.28

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Providing and Constructing Precast Concrete solid blocks with Compressive Strength not less than 35 kg/sqmm with cement mortar 1:4 Masonry Cavity Jams (closer blocks) with Solid Concrete blocks of size 40 x 20 x 20 cms Conforming to IS 2185/1965 in superstructure including cost of necessary taper courses second Curing Complete as per Specification.						
	I st Main L. side.	2	30.00	-	0.40	24.00	
		2	29.70	-	0.40	23.76	
		2	29.90	-	0.40	23.92	0.95 sqm

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	R. Side -	2

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ing Precast Concrete Solid			
Strength not less than 35			
for 124 Masonry Cement			
Solid Concrete blocks as			
to IS 2185/1965 in Superstruc			
ture/Walls/Columns/Staircases Second			
Revision.			
00 -	0.40	24.00	
70 -	0.40	23.76	23.92
90 -	0.40	23.92	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351611

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	30.00	-	0.40	24.00	
		2	18.00	-	0.40	14.40	
		2	30.00	-	0.40	24.00	
		2	29.85	-	0.40	23.88	23.92
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
	R. Side -	2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	"	0.40	24.00	
		2	5.00	"	0.40	4.00	
		2	30.00	"	0.40	24.00	
		2	25.00	"	0.40	20.00	
		2	30.00	"	0.40	24.00	
		2	30.00	"	0.40	24.00	
		2	17.00	"	0.40	13.60	
						363.20 M²	
	Rate. 993.22						360737.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
(15)	Providing and [illegible] kers stones mea width 114 and 16 450 mm in Length Cutting bending [illegible] material labour l load and lost [illegible] I^st main L-side.	

NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
00	-	0.40	24.00	
0	-	0.40	4.00	
00	-	0.40	24.00	
.00	-	0.40	20.00	20.35 Sty
.00	-	0.40	24.00	
.00	-	0.40	24.00	
.00	-	0.40	13.60	
			363.20	M^2
				360737.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351612

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
15	Providing and fixing precast sound kerb stones made out of cement concrete 1:2:4 mix 150 mm wide and 165 mm deep finished with CM 1:3 plastering all round in bottom bedding in form mix material taken mix curing & necessary lead and cost transportation etc.. complete.					Cement concrete mix top and bottom 100 mm thick and all round plastering all round including cost & all incidentals complete.	
	I st main L-side-	1	30.00	-	-	30.00	
		1	29.70	-	-	29.70	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	29.80	"	"	29.80	
		1	30.00	"	"	30.00	
		1	18.00	"	"	18.00	
		1	30.00	"	"	30.00	
		1	29.85	"	"	29.85	
		1	30.00	"	"	30.00	
	R. Side					209.65	
		1	30.00	"	"	30.00	
		1	30.00	"	"	30.00	
		1	30.00	"	"	30.00	
		1	5.00	"	"	5.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rate. 331.78

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
"	"	29.80	
"	"	30.00	
"	"	18.00	
"	"	30.00	
"	"	29.85	
"	"	30.00	
"	"	30.00	
"	"	30.00	
"	"	3.0.00	
"	"	5.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351613

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	1	"	30.00	
		1	25.00	1	"	25.00	
		1	30.00	1	"	30.00	
		1	30.00	1	"	30.00	
		1	17.00	"	"	17.00	
						454.00 MW	
			454.00			1008.00 No.B	
			0.45				
	Rate. 331:78						334434:24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16	Applying Priming coat over new Wood Surface and Wood Based Surface Preparing the Surface after thoroughly cleaning & grease dirt and Sand papering and removing ready mix Paint including Coat & Measures Labour complete as per Specifications						
	I st Main L-Side	1	30.00	-	0.30	9.00	
		1	29.70	-	0.30	8.91	
		1	29.80	-	0.30	8.96	
		1	30.00	-	0.30	9.00	
		1	18.00	-	0.30	5.40	
						2.2.23	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	R. Side

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
ew		Wood Surface and	
ng		ine Surface asser	
		dirt and Soreen mark	
ready		Mix Paint incudi	
rcase		as per Specification	
-	0.30	9.00	
-	0.30	8.91	
-	0.30	8.96	
-	0.30	9.00	
-	0.30	5.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351614

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	R. Side -	1	30.00	-	0.30	9.00	
		1	29.85	-	0.30	8.94	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	5.00	-	0.30	1.50	
		1	30.00	-	0.30	9.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	25.00	-	0.30	7.50	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	17.00	-	0.30	5.10	
						136.20 m²	
	(Page. 43:46)						5919:25
(17)	Providing and applying Painting (two coats) on new wood Surface with enamel Paint to give an even shade cleaning the Surface of all dirt dust and foreign						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	matter Sand Pa...	
	Concrete as per ...	
	I st Main L-Side.	

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
	0.30	7.50	22
	0.30	9.00	
	0.30	9.00	
	0.30	5.10	
		136.20 m²	5919:25
isting		two coats (exclud	
surface		and on wood bases	
o give an even shade			
dirt dust and foreign			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351615

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	matter sand papering including cost & necessary labour complete as per specification.						
	I st main L-side.	1	30.00	-	0.30	9.00	
		1	29.70	-	0.30	8.91	
		1	29.80	-	0.30	8.96	90.35
		1	30.00	-	0.30	9.00	
		1	18.00	-	0.30	5.00	
		1	30.00	-	0.30	9.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	29.85	-	0.30	8.94	
		1	30.00	-	0.30	9.00	
	R-Side -	1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	5.00	-	0.30	1.50	
		1	30.00	-	0.30	9.00	
		1	25.00	-	0.30	7.50	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	

M. A.
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Rate - 89:04	1
(18)	Precast slab 20 mm	
	steel reinforcemen	
	machine mixed con	
	curing thrice were	

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1	0.30	8.94	
1	0.30	9.00	
1	0.30	9.00	
1	0.30	9.00	
1	0.30	9.00	
1	0.30	1.00	
1	0.30	9.00	
1	0.30	7.00	
1	0.30	9.00	
1	0.30	9.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351616

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	17.00	1	0.30	5.10	
						136.20 M²	
	Rate - 89:04					12127:20	
	(18) Precast slab 20 mm and down size for slab (including steel reinforcement) including conveying and shuttering machine mixed concrete laid in layers not exceeding 15 cms thick well compacted cast & cure necessary labour						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurements Curing Cost & Materials etc. Complete. Complete as per Specification						
	Covering Slab						
	I st Main L. Side	1	30.00	1.50	-	45.00	
		1	29.70	1.50	-	44.55	
		1	29.80	1.50	-	44.70	
		1	30.00	1.50	-	45.00	
		1	18.00	1.50	-	27.00	
		1	30.00	1.50	-	45.00	
						250.70	

C&F.C. Ok 31/05

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	R. Side -	

C&F.C. Ok 31/05

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
				Increase as per Specification Increase.
.00	1.50	"	45.00	
.70	1.50	"	44.55	
.80	1.50	"	44.70	
.00	1.50	"	45.00	
.00	1.50	"	27.00	
0.00	1.50	"	45.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351617

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cancl. Qty 31.05 R side -	1	29.85	1.50	"	44.77	
		1	30.00	1.50	"	45.00	
		1	30.00	1.50	"	45.00	
		1	30.00	1.50	"	45.00	
		1	30.00	1.50	"	45.00	
		1	30.00	1.50	"	45.00	
		1	5.00	1.50	"	7.50	
		1	30.00	1.50	"	45.00	
		1	25.00	1.50	"	37.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	1.00	-	45.00	
		1	30.00	1.00	-	45.00	
		1	17.00	1.00	-	25.50	
						681.00 m^2	
	Rate 1856:67						1264392 :2
(18)	Lead for Disposal Quarry Rejects by mechanical means including loading and reloading from 0.000 to 2.000 KM. as per Quarry vide Item no (1) and (2)						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rate: 73

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
·00	-	45.00	
·00	-	45.00	
·00	-	25.50	
		681.00 m^2	1264392 :

se Rate as carriage
ng including loading and
o lorry.
① and ②

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351618

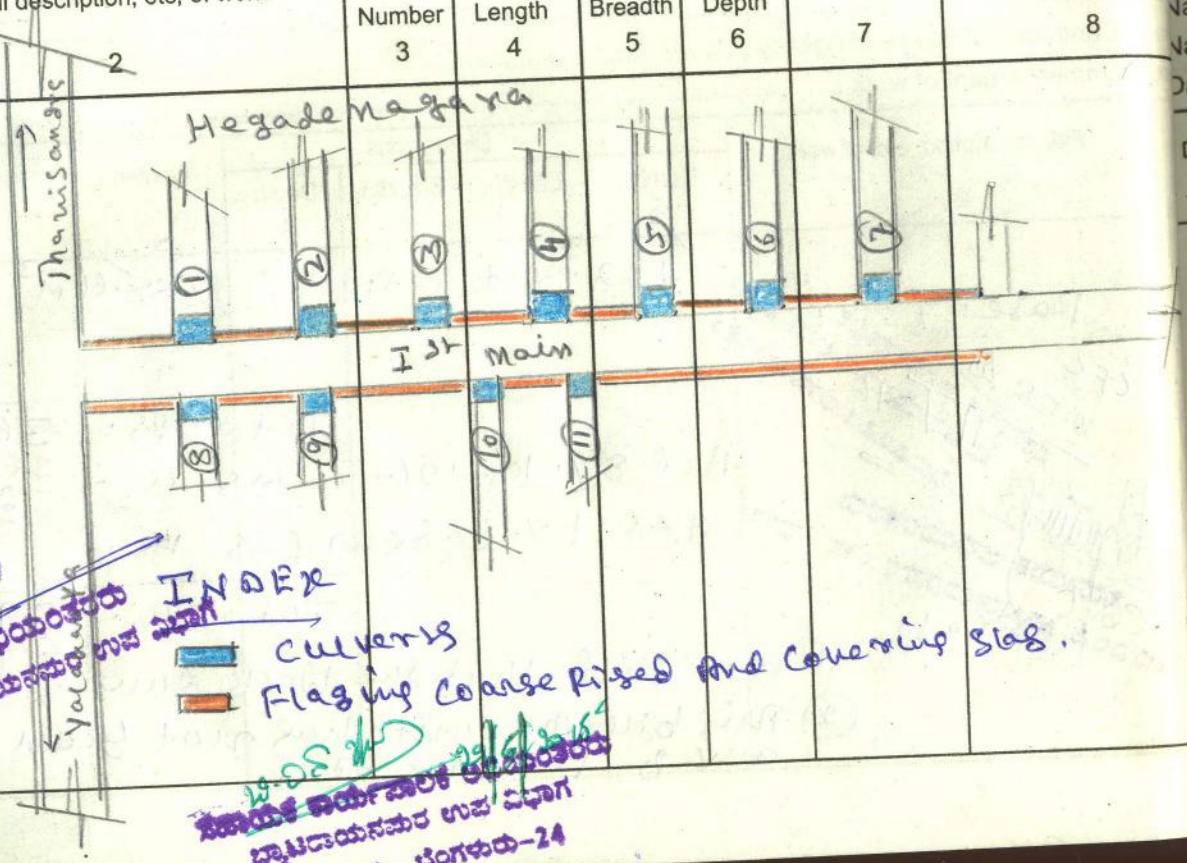
erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

ate	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Rate: 73% CFC 29-05-19	(132.80 + 255.81)				388.61 m^3	28415 : 16
					Total Rs.		~~3634304-00~~ 3633094-00
					carriage Rs.		~~290744-00~~ 290647-00
		Add 8% for GST					~~36330~~ 36330-00
		Add 1% Labour Cess					
					Total Rs.		~~3961391-00~~ 39,60,071-00

Case - ① certified that the work done satisfactory
② This bill Amount has not been claimed in any previous bill.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



INDEX

Culverts

Flagging Coarse Rised And Covering Slag.

ಸಹಾಯಕ ಅಧಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

Ba/115/31.5.17.

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2

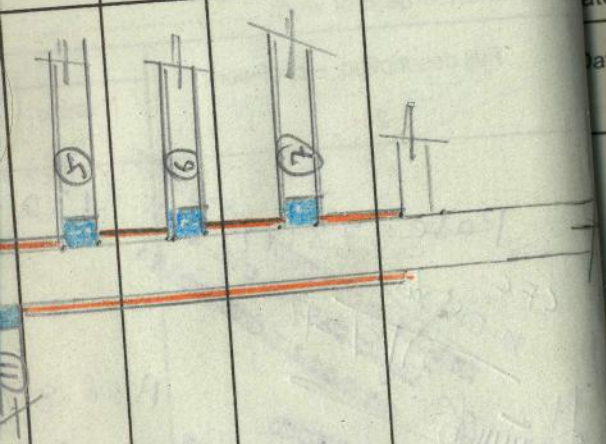
ಒಟ್ಟು ಮೊಬಲಗು ರೂ. 39,60,

ರೂ. Rs. thirty four t
thousand four hund

17/6-

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8



Raised and Covering Slab.

BA/115/31.5.17.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351619

erial No. .....
ame of Work ..... From..... To .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 39,60,071-00 ಕಳ್ಳು ಮಾಡು ಮಾಡಿದ ಸಾಮಗ್ರಿ ರೂ. 530650 ಹಿಂದಾರೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 3429,421-00 ರೂ. Rs - thirty four lakhs twenty nine thousand four hundred twenty one only.					Total: 39,60,071-00 ST - 79201-00 VAT - 158403-00 Cess - 39601-00 CBF - 3960-00 LR - 51481-00 FSD - 198004-00 Adj - 5,30,650-00 cheque - 34,29,421-00	